

# B-27 Supplement Infographic

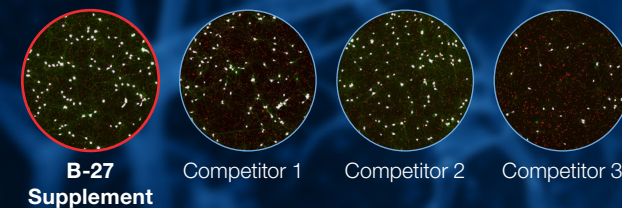
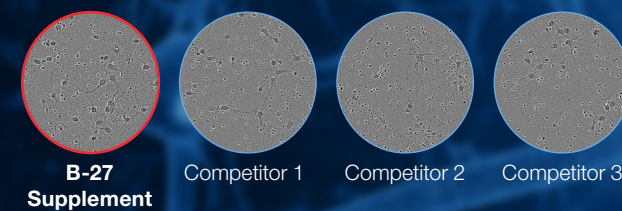
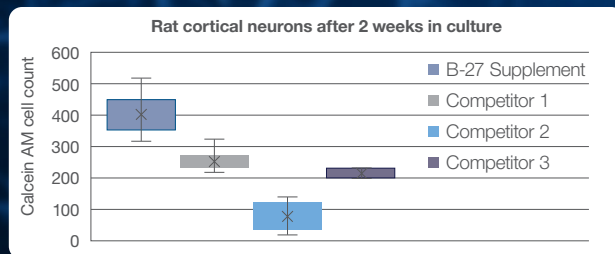
■ The first and most trusted supplement for healthy cell culture of many different cell types

## Benchmarking success: The B-27 Supplement in action

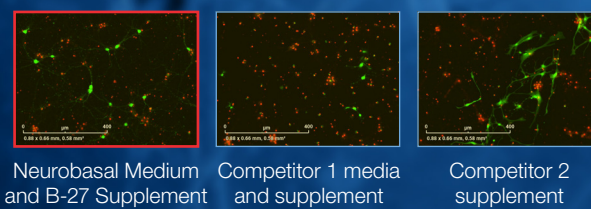
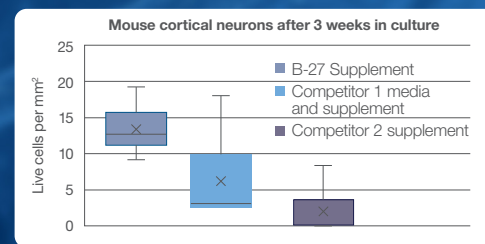
- The standard for serum-free neuronal cell culture supplementation for over 30 years
- A proprietary, defined yet complex mixture of antioxidant enzymes, proteins, vitamins, and fatty acids in optimized ratios to support neuronal survival in culture

The B-27 Supplement system leads the competition for performance in primary mouse and rat cortical neurons

## B-27 Supplement vs. other suppliers' supplements



Traditional culture of primary rodent neurons in Gibco™ Neurobasal™ Medium (unless noted otherwise). The B-27 Supplement better supports healthy neurons than supplements from other suppliers.



Neurobasal Medium and B-27 Supplement    Competitor 1 media and supplement    Competitor 2 supplement

## WHY CHOOSE GIBCO™ B-27™ SUPPLEMENT?

### Proprietary formulation

Supports the culture of neurons in both short- and long-term cultures

### Versatility

Several formulations for specific applications, including stem cell differentiation and enhanced survival of neuron cultures

### Consistency and trust

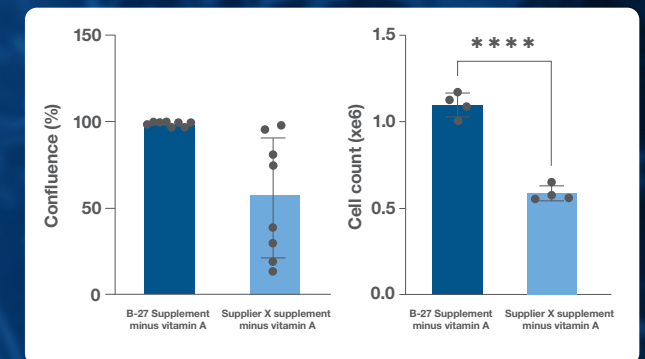
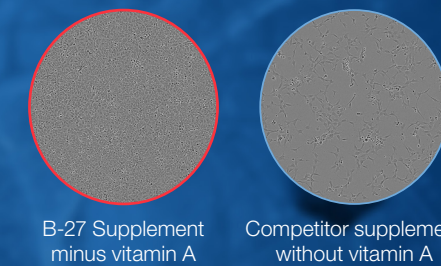
Manufactured under CGMP guidelines to help ensure reliability, traceability, and minimal variability; cited over **30,000** times by researchers in peer-reviewed publications



## Specialty applications and enhanced performance

- Multiple formulations of the original serum-free B-27 Supplement are available to fit many applications
- Choose the best version for your research: Minus insulin, minus vitamin A, or minus antioxidants

Gibco™ B-27™ Supplement minus vitamin A—an in-demand choice for the culture and expansion of neural stem cells and progenitors

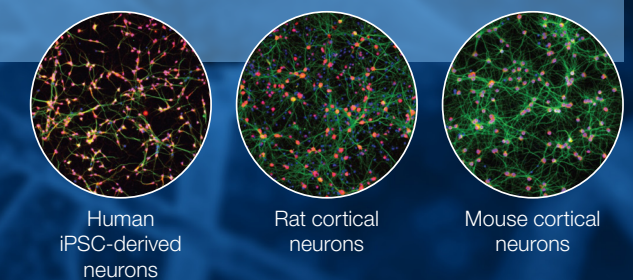


Benchmark data with the B-27 Supplement minus vitamin A for proliferation of human neuronal stem cells (hNSCs). Culture medium containing B-27 Supplement minus vitamin A yields more cells after 4 days than supplements from other suppliers.

## Innovate your research with the Gibco™ B-27™ Plus Supplement

This optimized formula improves functionality and maturation of neuronal cultures and can help you achieve:

- Exceptional neuronal survival
- Accelerated neurite outgrowth
- Increased electrophysiology
- The ability to reliably culture longer and maintain healthier cultures with fewer cells



Learn more at [thermofisher.com/b27plus](https://thermofisher.com/b27plus)



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**gibco**